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**© Cordless Hand Vacuum Cleaner KH 4420** Operating instructions









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Read the operating instructions carefully before using the appliance for the first time and preserve this booklet for later reference. Pass the manual on to whomsoever might acquire the appliance at a later date.

# **Cordless Hand Vacuum Cleaner KH 4420**

## **Intended Usage**

This hand vacuum cleaner may only be used for the vacuuming of dry surfaces and dry materials. People or animals may not be vacuumed with this appliance. Any other usage or changes to the appliance are improper use and may result in considerable danger of injury. The manufacturer accepts no liability for damages that result from improper use of the appliance or are caused by incorrect operation of it.

The appliance is not intended for commercial use.

### **Delivery Contents**

- Crevice nozzle
- 2 Dust collector
- 3 Dust filter
- 4 Motor unit
- **5** ON/OFF switch
- **6** Charge indicator light
- 7 Charging station / wall bracket
- 8 Screws / plugs for wall installation
- 9 Power adapter

(i) NOTE: The cordless hand vacuum cleaner model KH 4420 is delivered with uncharged batteries. The batteries must be charged for 24 hours before the first use.

#### **Technical Data**

Power adapter

Input voltage: 230 V ~ 50 Hz
Output voltage: Direct current (DC),

9 V / 150 mA

Batteries: 3 x 1,2 V Ni-MH

batteries /2200 mAh

## **Important Safety Instructions**

# ⚠ To avoid a life-threatening electric shock:

- Do not charge or use the appliance outdoors.
- Never use the hand vacuum cleaner if the cable, plug or casing are damaged.
- Send defective appliances to the appropriate service centre or have repairs performed only by a qualified workshop. Under no circumstances should you open the appliance yourself. Manipulations made by persons other than qualified technicians could represent a health hazard.
- Before switching the hand vacuum cleaner on, make certain that the mains voltage corresponds to the voltage indicated in the technical data for the appliance.
- Never touch the power supply or the appliance with wet or damp hands.
- Do not use the power adapter with an extension cord; connect the power adapter directly to a power socket.
- Do not use the hand vacuum cleaner for vacuuming up liquids.



## **⚠** To avoid the risk of injury:

- Do not change any accessories while the appliance is switched on.
- Do not use the hand vacuum cleaner for vacuuming up sharp objects or glass shards.
- Never vacuum up burning matches, glowing ashes or cigarette butts.
- Do not use the hand vacuum cleaner for vacuuming up chemical products, stone dust, gypsum, cement or similar particles.
- This hand vacuum cleaner is only suitable for use on dry surfaces. The appliance is not suitable for foam, water, flammable and explosive substances or other liquids.
- Always store the appliance indoors.
   To prevent accidents, keep the appliance in a dry location when not in use.
- Under extreme conditions, leaks in the battery cells may occur. In the event that battery fluid comes into contact with skin or eyes, the affected area must be rinsed off with water immediately. Contact a physician.

### To conduct yourself safely:

- Caution! Keep the power cord and appliance away from children.
   Children frequently underestimate the danger from electrical appliances.
- Use only accessory parts recommended by the manufacturer.
- The cable of the charging station may not be used for other purposes. Never carry the charging station or the power adapter by the cable. Do not pull on the cable when you want to move the appliance.
- Always grip the power plug to disconnect the appliance from the power supply.
- Always be sure to keep the hand vacuum cleaner away from heating elements, ovens or other heated appliances and surfaces.
- Always make certain that the ventilation slits are open. A blocked ventilation circuit can result in overheating and damage to the appliance.
- This product contains rechargeable Ni-MH batteries. Do not thow the batteries into a fire and do not subject them to high temperatures. There is a risk of explosion!
- Take special care when using the hand vacuum cleaner on stairs.
- Do not use the hand vacuum cleaner without the dust filter inserted.
- Do not use the power adapter for a different product and do not attempt to charge this appliance with a different charging station. Only use the charging station supplied with this appliance.

#### Before the First Use

- The cordless hand vacuum cleaner is powered by rechargeable Ni-MH batteries. Before using the cordless hand vacuum cleaner for the first time, the batteries must be charged for at least 24 hours.
- 2. The batteries reach their full capacity after a charging time of 24 hours. The cordless hand vacuum cleaner can be used for its full operating time when the batteries are fully charged. Only place the appliance back in the charging station ② once the vacuum power becomes noticeably weaker.

# Charging

- Insert the round plug of the power supply into the back of the charging station 7. Lock the plug by turning it anti-clockwise.
- Place the charging station next to a power socket and plug the power adapter in.
- The charging station can optionally be mounted on a wall with the supplied screws and plugs (see Chapter "Mounting the wall bracket").

  Vertical screw spacing 102 mm, screw diameter 3,5 mm.

  You can insert the nozzle attachment (1) into the socket on the charging station (2) to store it.
- Place the hand vacuum cleaner in the charging station 7. The charge indicator light 6 lights up red and the charging process begins.
- \*\*NOTE: Make certain that the on/off switch \*\*s is in position "0" before starting the charging process.

# **⚠** Important:

- Once the charging process is completed, the appliance automatically switches to the charge maintenance function. However, in order to avoid possible damage to the batteries, do not leave the appliance constantly connected to the charging station.
- Only place the appliance back on the charging station once the vacuum power becomes noticeably weaker.

# ⚠ Important information about the battery

In the event of a defective battery, please contact our service centre directly. Please refer to the guarantee card for the Authorized Service Outlet in your country.

### **Mounting the Wall Bracket**

- Bore two holes with a spacing of ca. 102 mm. Using the wall bracket to mark the boreholes ensures the correct spacing.
- 2. Push the plugs 3 into the boreholes and screw in the lower screw 3 until ca. 3mm is protruding.
- Place the wall bracket on the lower screw.
- 4. Guide the upper screw **3** through the wall bracket **2** and into the borehole, then screw it in.
- 5. Tighten both screws **8** down.

### **Assembly**

- (i) NOTE: Make certain that the dust filter (3) is always inserted before using the appliance.
- To open the dust collector ②, turn the dust collector ② clockwise and pull it off the motor unit ④.
   Make certain that the dust filter ③ is inserted and put the dust collector ② back on. Turn the dust collector ② anti-clockwise until the arrow symbol points to the dot 
   on the motor unit ④.
- 2. If the nozzle attachment 1 is required, insert this into the suction opening on the dust collector 2.

### Operation

- 1. Remove the hand vacuum cleaner from the charging station 7. Using the supplied plugs and screws 3 the charging station can optionally be mounted on the wall.
- 2. To switch the appliance on, move the on/off switch **5** to the position "I".
- 3. After use place the on/off switch into position "O".
- 4. The nozzle attachment is used to clean narrow, hard-to-reach areas.
- (i) Put the assembled hand vacuum cleaner in the charging station (7) and start the charging process when the vacuum power is noticeably weaker.

## Cleaning

### Changing and cleaning the dust filter

To achieve the best results, empty the dust collector 2 and clean the dust filter 3 after every use.

- 1. To open the dust collector **2**, turn the dust collector **2** clockwise and pull it off the motor unit **4**.
- 2. To remove the dust filter 3 from the motor unit, turn it clockwise and pull it off the motor unit 4.
- 3. Empty the dust collector 2.
- 4. Clean the dust filter 3 in cold water and wait until it is completely dry before putting it back on the motor unit 4.
- 5. Place the dust filter 3 on the motor unit 4. Turn the dust filter 3 anticlockwise to attach it. Never use the hand vacuum cleaner without the dust filter 3 inserted.
- 6. Put the dust collector ② back on.

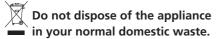
  Turn the dust collector ② anti-clok-kwise until the arrow symbol points to the dot 🖫 on the motor unit ④.
- ⚠ Important! The suction opening must always be open and unblocked. Blockages lead to overheating and damage to the motor.

# Disposal

## Disposing of the batteries

The hand vacuum cleaner is operated with rechargeable Ni-MH batteries that must be disposed of properly. Put the old batteries into your local recycling system. Follow the laws and regulations for disposal that apply in your country.

## Disposal of the appliance



Dispose of the appliance through an approved disposal company or your community waste facility.

Observe the currently applicable regulations. In case of doubt, contact your waste disposal facility.

## **Warranty & Customer Service**

You can find the service centre for your country listed on the warranty card.

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